

## EAST Search History

| Ref # | Hits | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------------|------------------|---------|------------------|
| L3    | 9436 | ceramic and (printed circuit or circuit board) and hole near10 (contact or terminal or pin or probe or plug)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2007/01/07 12:49 |
| L4    | 561  | green near10 ceramic and (printed circuit or circuit board) and hole near10 (contact or terminal or pin or probe or plug)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2007/01/07 12:49 |
| L5    | 525  | green near10 ceramic and (printed circuit or circuit board) and hole near10 (contact or terminal or pin or probe or plug) and (heat or heated or heating or temperature or fired or firing)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2007/01/07 12:50 |
| L6    | 439  | green near10 ceramic and (printed circuit or circuit board) and hole near10 (contact or terminal or pin or probe or plug) and (heat or heated or heating or temperature or fired or firing) near10 (ceramic or substrate)                                | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2007/01/07 12:57 |
| L7    | 233  | green near10 ceramic and (printed circuit or circuit board) and hole near10 (contact or terminal or pin or probe or plug) and (heat or heated or heating or temperature or fired or firing) near10 (ceramic or substrate) and hole near10 (pin or probe) | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2007/01/07 13:02 |
| L8    | 134  | 439/32   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2007/01/07 13:08 |
| L9    | 662  | 439/75   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2007/01/07 13:09 |
| L10   | 18   | ("2533987"   "2799840"   "3543215"   "3821692"   "3854114"   "4066320"   "4175810"   "4426125").PN. OR ("4822288").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2007/01/07 13:13 |
| L11   | 19   | ("4064623"   "4118090"   "4240198"   "4397519"   "5137456"   "5385477").PN. OR ("5639247").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2007/01/07 14:28 |
| L12   | 9    | "4822288"  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ              | ON      | 2007/01/07 14:34 |

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|     |      |  |                              |     |     |                  |
|-----|------|--|------------------------------|-----|-----|------------------|
| L13 | 25   | "5046242"  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/01/07 14:35 |
| L14 | 1    | ("5046242").PN.  | US-PGPUB;<br>USPAT           | OR  | OFF | 2007/01/07 15:40 |
| L15 | 1    | ("5656798").PN.  | US-PGPUB;<br>USPAT           | OR  | OFF | 2007/01/07 14:43 |
| L16 | 1    | feed\$through near30 substrate<br>near200 (molding or molded) and<br>(printed circuit or circuit board)                  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/01/07 15:42 |
| L17 | 5    | feed\$through near100 substrate<br>near200 (molding or molded)   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/01/07 15:46 |
| L18 | 3    | feed\$through near100 substrate<br>near200 (molding or molded) and<br>adhesive   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/01/07 15:59 |
| L19 | 14   | feed\$through near100 substrate<br>near50 adhesive   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/01/07 16:00 |
| L20 | 13   | feed\$through near20 adhesive<br>near100 substrate   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/01/07 16:01 |
| L21 | 2633 | hole near20 adhesive near100<br>substrate  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/01/07 16:01 |
| L22 | 2093 | hole near10 adhesive near20<br>substrate   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/01/07 16:01 |
| L23 | 623  | hole near10 adhesive near20<br>substrate and (printed circuit or<br>circuit board)                                       | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/01/07 16:02 |
| L24 | 149  | hole near10 adhesive near20<br>substrate and (printed circuit or<br>circuit board) and (20 or "174" or<br>"439").clas.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/01/07 16:02 |
| L25 | 198  | hole near10 adhesive near20<br>substrate and (printed circuit or<br>circuit board) and ("29" or "174"<br>or "439").clas. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/01/07 16:08 |
| L26 | 121  | hole near5 adhesive near50<br>substrate and (printed circuit or<br>circuit board) and ("29" or "174"<br>or "439").clas.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/01/07 16:08 |
| S1  | 428  | (439/82).CCLS.   | US-PGPUB;<br>USPAT           | OR  | OFF | 2006/11/15 14:41 |
| S2  | 354  | (439/80,81).CCLS.  | US-PGPUB;<br>USPAT           | OR  | OFF | 2006/11/15 14:41 |

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|     |      |   |                              |     |     |                  |
|-----|------|---|------------------------------|-----|-----|------------------|
| S3  | 341  | S2 not S1   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2006/11/15 14:55 |
| S4  | 4379 | "439".clas. and (interposer or probe or (hole near5 substrate ))  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2006/11/15 14:56 |
| S5  | 3361 | "439".clas. and (interposer or probe or (hole near5 substrate near50 (plated or plating or electroplated or electroplating)))     | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2006/11/15 14:57 |
| S6  | 843  | "439".clas. and (interposer or (hole near5 substrate near50 (plated or plating or electroplated or electroplating)))              | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2006/11/15 14:58 |
| S7  | 233  | "439".clas. and ((hole near5 substrate near50 (plated or plating or electroplated or electroplating)))                            | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2006/11/15 14:58 |
| S8  | 233  | "439".clas. and ((hole near5 substrate near300 (plated or plating or electroplated or electroplating)))                           | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2006/11/15 14:58 |
| S9  | 732  | "439".clas. and ((hole near5 substrate and (plated or plating or electroplated or electroplating)))                               | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2006/11/15 14:58 |
| S10 | 715  | "439".clas. and ((hole near5 substrate and (plated or plating or electroplated or electroplating))) and (probe or pin or contact) | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2006/11/15 14:59 |
| S11 | 545  | "439".clas. and ((hole near5 substrate and (plated or plating or electroplated or electroplating))) and (probe or pin)            | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2006/11/15 15:37 |
| S12 | 0    | ("probecard").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2006/11/15 15:37 |
| S13 | 3708 | probe card  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2006/11/15 15:37 |
| S14 | 1628 | probe card and hole   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2006/11/15 15:37 |
| S15 | 888  | probe card and hole and (plated or plating or electroplated or electroplating)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2006/11/15 15:38 |
| S16 | 449  | probe card and hole and (plated or plating or electroplated or electroplating) and "324".clas.                                    | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2006/11/15 15:59 |

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|     |      |  |                              |     |     |                  |
|-----|------|--|------------------------------|-----|-----|------------------|
| S17 | 148  | interposer and hole and (plated or plating or electroplated or electroplating) and "324".clas. | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2006/11/15 16:09 |
| S18 | 3000 | (29/846,847,852).CCLS.   | US-PGPUB;<br>USPAT           | OR  | OFF | 2006/11/15 16:12 |
| S19 | 3235 | (29/846,847,852).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2006/11/15 16:12 |
| S20 | 2519 | S19 and (hole or via or aperture)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2006/11/15 16:12 |
| S21 | 2519 | S19 and (hole or via or aperture)  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2006/11/15 16:12 |